

Westmap Long-Term Goals

50-100 years, 1 km gridded monthly climate observations, continuously updated.

Provide to data users & stakeholders:

- online analysis tools
- associated error/accuracy estimates
- educational resources

Main Westmap focus on a western US domain

- Large demand and complex climate mapping challenges in the West
 - fine scale topographic variations
 - extensive high elevation mountain ranges
 - deserts
 - coastal boundary regions
 - interior valleys
 - rain shadows
 - data availability
 - poor station distribution

Product Applications

Six key areas

- Drought mitigation/monitoring, e.g.:
 - Complement and enhance developing drought management initiatives and monitoring programs
 - In turn, these activities will help future mapping through identifying gaps/problems in the present data sets
- Climate variability
- Water management
- Resource management of public and private lands in the West
- Global change modeling and assessment
- Forecasts (initial conditions) and downscaling of forecasts (limits of predictability, model verification)



Westmap: The Western Climate Mapping Initiative An Update

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